

ABSTRACT OF DISCLOSURE

A method and apparatus allowing a mobile robot to return to a designated location the method including: calculating a first direction angle of the mobile robot at a second location arrived at after the mobile robot travels a predetermined distance from the first location; determining whether the mobile robot approaches or moves away from the designated location, at a third location arrived at after the mobile robot rotates by the first direction angle and then travels a predetermined distance; and if the result of the determination indicates that the mobile robot approaches the docking station, controlling the mobile robot to travel according to the first direction angle, and if the result indicates the mobile robot moves away from the docking station, calculating a second direction angle of the mobile robot at the third location, and controlling the mobile robot to travel according to the second direction angle.